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U. S. C. & G. SURVEY.  
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JUN 17 1904  
Acc. No. 2673

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1904

Diag. Cht. No. 904-1

**Treasury Department,**  
**U. S. COAST AND GEODETIC SURVEY.**

*O. H. Tubbmann.*  
Superintendent.

State: *Porto Rico.*

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**DESCRIPTIVE REPORT.**

*Hydrographic* Sheet No. **2673**

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LOCALITY:

*Cordilleras Reefs,*  
*from Cape San Juan*  
*to Hermanos Passage*  
*See also 2696*

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1904

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CHIEF OF PARTY:

*R. L. Faris, Asst.*

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Cordilleras Sheet.

From Cape San Juan to Hermanos Passage.

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This sheet is largely a resurvey of the channel on the south side of the Cordilleras Reefs and Hermanos Passage. This work was done with the Channel Sweep set at 30 feet and using two leads in the sounding work; also a man was stationed aloft on the lookout for shoal water indications.

The changes found in previously charted depths are noted as follows : The shoal spot  $1/3$  mile S.W. of Diablo Cay has a depth of 25 feet instead of 32 as shown on the chart. There is one fathom less water on the shoal about one mile W.N.W. of Blake Shoal than the chart gives.  $3-1/2$  fathoms were found on east side of Hermanos Passage instead of 5 fathoms shown on chart.

The original work shown on this sheet is in the development of the west end of Cordilleras Reef and the Approaches to Cape San Juan. It will be seen that the usual N.W. course past Cape San Juan taken by vessels, leads over the western end of the reef in 6 to 7 fathoms of water. There are two distinct reefs at the west of the Cordilleras about  $1/3$  mile apart and having a W.N.W. trend. The western limit of the sheet shows a depth of  $8-1/2$  fathoms over the ridge and that one of the ridges has disappeared. The northern limit of the sheet is about on the 22 fathom curve. This sheet is joined by the deep sea work to the northward.

R.L.F.,

May 20th, 1904.